

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1988

[Full Table of Content](#)



88/R/B/6 Harvest Dates and Malting Quality - W. Barley

Rothamsted Research

Rothamsted Research (1989) *88/R/B/6 Harvest Dates and Malting Quality - W. Barley* ; Yields Of The Field Experiments 1988, pp 191 - 192 - DOI: <https://doi.org/10.23637/ERADOC-1-43>

88/R/B/6

WINTER BARLEY

HARVEST DATES AND MALTING QUALITY

Object: To investigate the effects of harvest dates on yield and malting quality of winter barley - Appletree.

Sponsor: J.F. Jenkyn.

Design: 4 randomised blocks of 5 plots.

Whole plot dimensions: 3.0 x 14.0.

Treatments:

HARVDATE	Harvest dates:
V EARLY	Very early on 27 July, 1988
EARLY	Early on 5 Aug
OPTIMUM	Optimum on 12 Aug
LATE	Late on 18 Aug
V LATE	Very late on 26 Aug

Basal applications: Manures: 'Nitram' at 120 kg and later at 250 kg.
Weedkillers: Fluroxypyr at 0.20 kg with clopyralid at 0.07 kg and bromoxynil at 0.34 kg in 200 l. Fungicides: Prochloraz at 0.40 kg and carbendazim at 0.15 kg in 200 l. Propiconazole at 0.12 kg and tridemorph at 0.25 kg in 200 l.

Seed: Magie, sown at 160 kg.

Cultivations, etc.:- Cultivated by rotary grubber: 26 Sept, 1987.
Ploughed, rotary harrowed, seed sown: 7 Nov. First N applied: 2 Mar, 1988. Second N applied: 8 Apr. Prochloraz and carbendazim applied: 21 Apr. Weedkillers applied: 26 Apr. Remaining fungicides applied: 17 May. Previous crops: Potatoes 1986, w. wheat 1987.

NOTE: Malting quality was assessed on the grain.

88/R/B/6

GRAIN TONNES/HECTARE

***** Tables of means *****

HARVDATE

V EARLY	6.41
EARLY	6.67
OPTIMUM	6.53
LATE	6.77
V LATE	6.57
Mean	6.59

*** Standard errors of differences of means ***

HARVDATE

0.173

***** Stratum standard errors and coefficients of variation *****

Stratum	d.f.	s.e.	cv%
BLOCK.WP	12	0.244	3.7

GRAND MEAN DM% 80.3

PLOT AREA HARVESTED 0.00434